Bug Reports

Bug 1

Results can be outside of start/end date range when using ISO 8601 format		
Pri: tbd	**Sev:** tbd	
Environment: Chrome v120, Windows11		

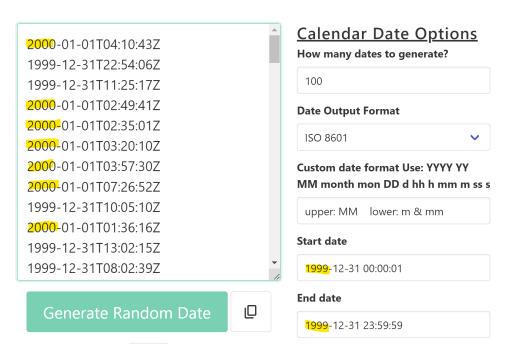Results can be outside of the entered start/end date range for ISO 8601 format.

Repro steps:
1. On a computer set to a different time zone than UTC+00:00, open https://codebeautify.org/generate-random-date in Chrome.
2. In the 'Start date' textbox, enter the first minute of the last day of a year (e.g. 1999-12-31 00:00:01).
3. In the 'End date' textbox, enter the last minute of the same date (e.g. 1999-12-31 23:59:59).
4. Set 'Date Output Format' to ISO 8601.
5. Set 'How many dates to generate' to 100
6. Click Generate Random Date a few times while observing the results.

Expected:
Random dates would be within the range provided in the Start date and End date fields

Observed:

2000-01-01T04:10:43Z	**Calendar Date Options**
1999-12-31T22:54:06Z	How many dates to generate?
1999-12-31T11:25:17Z	
2000-01-01T02:49:41Z	100
2000-01-01T02:35:01Z	
2000-01-01T03:20:10Z	**Date Output Format**
2000-01-01T03:57:30Z	ISO 8601
2000-01-01T07:26:52Z	
1999-12-31T10:05:10Z	**Custom date format Use: YYYY YY MM month mon DD d hh h mm m ss s**
2000-01-01T01:36:16Z	upper: MM lower: m & mm
1999-12-31T13:02:15Z	
1999-12-31T08:02:39Z	**Start date**
	1999-12-31 00:00:01

Generate Random Date

End date

1999-12-31 23:59:59

Once the 'Date Output Format' is set to ISO 8601, some results were beyond the range provided; possibly dependent on the UTC offset for your Computer. My time zone is UTC-08:00 and my results were between 1999-12-31T08:00:01Z and 2000-01-01T07:59:59.

Bug 2

Year Date Month format outputs incorrect format (year month date)		
Pri: tbd	**Sev:** tbd	
Environment: Chrome v120, Windows11		

Repro steps:
1. Open https://codebeautify.org/generate-random-date in Chrome.
2. In the 'Date Output Format' field, select '*Year <u>Month Date</u> hh:mm:ss*'.
3. Verify the results are in the specified format
4. In the 'Date Output Format' field, select '*Year <u>Date Month</u> hh:mm:ss*'.
5. Verify the results are in the specified format

Expected:
Results would match the output format selected in 'Date Output Format'.

Observed:

'*Year Date Month hh:mm:ss*' results were in Year Month Date format.

1958 December 31 06:30:21
1958 December 31 05:23:51
1958 December 31 17:22:26
1958 December 31 04:43:21

Date Output Format

Year Date Month hh:mm:ss   ⌄

Custom date format Use: YYYY YY

Bug 3

Custom Date Format's 'month' results display values instead of the letters for h,y,m		
Pri: tbd	**Sev:** tbd	
Environment: Chrome v120, Windows11		

If the 'month' result string includes one of the custom strings, that letter will be replaced with numbers (e.g. August displays as Augu8t)
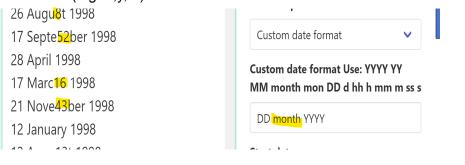
Repro steps:
1. Open https://codebeautify.org/generate-random-date in Chrome.
2. In the 'Date Output Format' field, select 'Custom date format'.
3. In the 'Custom date format Use:' field, enter 'DD month YYYY'
4. In the Count/'How many dates to generate?' field, select 100.

Expected:
Results would properly display DD month YYYY format (e.g. 26 August 1998)

Observed:
The results don't properly display the names of the months if the months include the letters used within the custom date format (e.g. h,y,m).

26 Augu8t 1998
17 Septe52ber 1998
28 April 1998
17 Marc16 1998
21 Nove43ber 1998
12 January 1998

Custom date format   ⌄

Custom date format Use: YYYY YY
MM month mon DD d hh h mm m ss s

DD month YYYY

Custom Date Format's lowercase 'm' is incorrectly displaying in results		
Pri: tbd	**Sev:** tbd	
Environment: Chrome v120, Windows11		

The lowercase 'm'
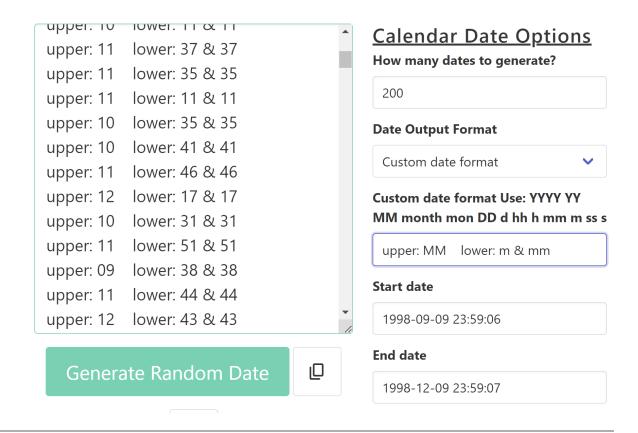   1) Does not display the correct value for 'm' or 'mm'.

Repro steps:
1. Open https://codebeautify.org/generate-random-date in Chrome.
2. Ensure the 'Start date' and 'End date' fields will return results for all twelve months.
3. In the 'Date Output Format' field, select 'Custom date format'.
4. In the 'Custom date format Use:' field, enter 'mon: upper: MM   lower: m & mm'
5. In the Count/'How many dates to generate?' field, select 100.

Expected:
Results will correctly show the correct number value for each month when using MM, mm and m.

Observed:
When 'm' or 'mm' is used, the value displayed usually isn't the correct value for the month.

upper: 10   lower: 11 & 11
upper: 11   lower: 37 & 37
upper: 11   lower: 35 & 35
upper: 11   lower: 11 & 11
upper: 10   lower: 35 & 35
upper: 10   lower: 41 & 41
upper: 11   lower: 46 & 46
upper: 12   lower: 17 & 17
upper: 10   lower: 31 & 31
upper: 11   lower: 51 & 51
upper: 09   lower: 38 & 38
upper: 11   lower: 44 & 44
upper: 12   lower: 43 & 43

Generate Random Date

Calendar Date Options

How many dates to generate?

200

Date Output Format

Custom date format ⌄

Custom date format Use: YYYY YY MM month mon DD d hh h mm m ss s

upper: MM   lower: m & mm

Start date

1998-09-09 23:59:06

End date

1998-12-09 23:59:07

Bug 5

Count field is not restrained to acceptable values		
Pri: tbd	**Sev:** tbd	
Environment: Chrome v120, Windows11		

The Count / 'How many dates to generate' field is not restrained to values greater than 0 and will allow the user to enter a number that will result in an 'Out of Memory' value.

Repro steps:
1. In 'How many dates to generate', use the selector to select numbers below 1
2. In the same field, type in/paste a large number (e.g. 100000).

Expected:
- Only valid entries could be selected with the selector. Invalid entries would display helper text with the field's boundaries/acceptable value.
- The user would not be able to enter a number that results in the tab 'crashing' with an 'Out of Memory' error.

Observed:

- User can select numbers below 1.
- User can enter very large numbers that will result in the browser hanging and ultimately displaying an 'Out of Memory' error.

Additional issues:

1) Start date can be before End Date; results will not include either the start or end datetimes. If the dates are the same, start time is 23:59:59 end time is 23:59:57, the only results will be for 23:59:58.
2) App's name should be standardized to a single string, as it currently refers to itself as 'Random Date Generator', 'Date Generator' and 'Random Date Generator Online'.
3) Some of the strings should be edited to improve clarity and fix grammatical errors.